

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 30/Sep/2020 WEDNESDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.663	3666.100	1) Gujrat	12.911	342.105
2) Hydro	4.933	229.416	2) Madhya Pradesh	4.831	193.513
3) Gas	6.441	160.879	3) Chattisgarh	5.040	147.320
<b>Total MSPGCL</b>	<b>137.037</b>	<b>4056.395</b>	4) Maharashtra	124.176	3805.989
B) 1) APLM	55.455	1325.515	5) Goa (Amona)	-1.261	-32.370
2) JSWEL	20.471	533.428	<b>Total</b>	<b>145.697</b>	<b>4456.557</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.867	722.088
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.416	806.792
5) WPCL	2.701	77.874	c) MSEDCL Bilateral *	29.892	876.278
6) Other IPP	8.330	225.078	Include PX	3.532	122.487
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.867	722.088
C) 1) TPCL Thermal	7.907	240.861	Include PX	12.075	491.829
2) TPCL Hydro	3.888	120.912	Standby	0.000	0.000
3) TPCL Gas	4.385	121.903	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	9.508	205.179	1) MSEDCL	361.426	10401.789
D) STATE			2) Mumbai Discoms	52.104	1495.646
1) Thermal	230.035	6274.035	<b>TOTAL STATE</b>	<b>413.530</b>	<b>11897.435</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	8.821	350.328			
(A2+C2)					
3) Gas	10.826	282.782			
(A3+B7+C3)					
4) Wind	11.656	369.406			
6) SOLAR	6.495	164.328			
<b>TOTAL STATE</b>	<b>267.833</b>	<b>7440.879</b>			

\* Displayed for information, not added in total.

**DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II**

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5191	5553	5528	4727
MSPGCL Hydro	188	105	845	103
MSPGCL Gas	260	257	262	274
MSPGCL Total Generation	5639	5915	6635	5104
Central Sector Receipt	7049	6507	5866	5388
WIND	259	461	769	480
CPP / IPP Thermal	3815	3792	3921	3129
CPP / IPP Gas	0	0	0	0
SOLAR	879	547	0	0
Exchange with Mumbai	-1440	-1412	-894	-836
<b>MSEDCL DEMAND MET</b>	<b>16201</b>	<b>15810</b>	<b>16297</b>	<b>13265</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	16201	15810	16297	13265
TPCL GENERATION	711	708	976	492
AEML GENERATION	393	371	488	372
<b>MUMBAI DEMAND</b>	<b>2544</b>	<b>2491</b>	<b>2358</b>	<b>1700</b>
STATE DEMAND MET	18745	18301	18655	14965
<b>STATE DEMAND</b>	<b>18745</b>	<b>18301</b>	<b>18655</b>	<b>14965</b>
Frequency (Hz)	50.02	50.00	50.02	50.01

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.01 Hrs	49.84 Hz at 12.48 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

## Daily and Progressive Generation, Maximum, Minimum for 30/Sep/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.22	321.66	434	270
Unit 9	8.61	320.68	505	250
Unit 10	8.14	218.10	415	270
<b>Total</b>	<b>24.98</b>	<b>860.45</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	10.15	218.86	480	360
Unit 5	10.18	281.03	500	355
<b>Total</b>	<b>20.33</b>	<b>499.89</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	19.70	0	0
Unit 7	0.00	30.40	0	0
Unit 8	0.00	64.10	0	0
<b>Total</b>	<b>0.00</b>	<b>114.20</b>		
<b>Chandrapur</b>				
Unit 3	3.39	113.93	155	120
Unit 4	3.37	85.96	149	124
Unit 5	9.78	280.43	435	380
Unit 6	9.93	140.26	425	385
Unit 7	0.00	1.28	0	0
Unit 8	10.27	303.09	460	390
Unit 9	11.01	298.66	470	410
<b>Total</b>	<b>47.76</b>	<b>1223.61</b>		
<b>Paras</b>				
Unit 3	5.40	132.07	250	186
Unit 4	2.99	124.48	220	91
<b>Total</b>	<b>8.39</b>	<b>256.55</b>		
<b>Khaparkheda</b>				
Unit 1	2.87	99.44	155	95
Unit 2	4.02	100.82	180	160
Unit 3	3.57	105.59	160	140
Unit 4	3.61	114.50	175	130
Unit 5	10.14	291.05	460	360
<b>Total</b>	<b>24.20</b>	<b>711.40</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Uran</b>				
All Units	6.44	160.88	285	257
<b>Total</b>	<b>6.44</b>	<b>160.88</b>		
<b>PGPL</b>				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>PENCH (MS)</b>				
Pench (MS)	1.22	36.24	53	44

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>1.22</b>	<b>36.24</b>		
<b>Koyna</b>				
Stage 1-2	1.70	75.90	270	40
Stage 4	0.54	48.63	320	0
Stage 3	0.64	31.17	160	0
<b>Total</b>	<b>2.89</b>	<b>155.71</b>		
<b>Hydro</b>				
KDPH	0.30	6.03	19	0
VTRNA	0.00	4.54	0	0
TILLARI	0.46	12.00	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	10.44	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.11	3.71	13	0
ELDARY	0.54	15.56	23	22
SMLHY_PTN	0.22	12.67	9	8
GHATGHAR	0.01	8.76	8	0
<b>Total</b>	<b>2.04</b>	<b>73.70</b>		
<b>Wind</b>				
Total	11.66	369.41	0	0
<b>Total</b>	<b>11.66</b>	<b>369.41</b>		
<b>CPP</b>				
APML(Mus)	55.46	1325.52	0	0
JSWEL(Mus)	20.47	533.43	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	77.87	0	0
Other(Mus)	8.33	225.08	0	0
<b>Total</b>	<b>86.96</b>	<b>2161.90</b>		
<b>SOLAR</b>				
Total	6.50	164.33	0	0
<b>Total</b>	<b>6.50</b>	<b>164.33</b>		
<b>Tata</b>				
Trombay 5	7.91	240.86	445	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	76.73	117	111
Trombay 7B	1.58	45.18	67	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.89	120.91	396	2
<b>Total</b>	<b>16.18</b>	<b>483.68</b>		
<b>AEML</b>				
DTPS U-1&2	9.51	205.18	500	370
<b>Total</b>	<b>9.51</b>	<b>205.18</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.66	3666.10	MSPGCL Total	137.04	4056.40
			MSPGCL Thml+Gas	132.10	3826.98	Koyna 1,2 & 4 Total	2.25	124.54
			MSPGCL Hydro	4.93	229.42	State Total	267.83	7440.88

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 30/Sep/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5097	122	283	5502	390	3307	0	0	5444	5248	-924	13523	0	13523	2001	15524	50.01
2	5018	107	273	5398	393	3330	0	0	5449	5274	-1019	13376	0	13376	1886	15262	50.01
3	4959	112	273	5344	410	3226	0	0	5377	5345	-899	13426	0	13426	1764	15190	49.98
4	4727	103	274	5104	480	3129	0	0	5467	5388	-836	13265	0	13265	1700	14965	50.01
5	4739	183	274	5196	514	3183	0	0	5443	5666	-793	13766	0	13766	1655	15421	49.99
6	5169	138	274	5581	575	3665	0	0	5628	5573	-832	14562	0	14562	1685	16247	50.00
7	5212	118	285	5615	541	3876	0	20	6368	6421	-854	15619	0	15619	1705	17324	50.03
8	5241	164	264	5669	368	3896	0	199	6796	6958	-843	16247	0	16247	1855	18102	50.02
9	5299	205	282	5786	286	3878	0	492	6818	6782	-878	16346	0	16346	2084	18430	49.98
10	5227	198	261	5686	277	3848	0	723	6884	6741	-1076	16199	0	16199	2332	18531	50.00
11	5191	188	260	5639	259	3815	0	879	7142	7049	-1440	16201	0	16201	2544	18745	50.02
12	5189	135	259	5583	231	3822	0	896	7103	6904	-1538	15898	0	15898	2592	18490	50.02
13	5193	135	267	5595	227	3822	0	900	7035	6578	-1560	15562	0	15562	2582	18144	49.96
14	5011	140	257	5408	247	3640	0	821	6954	6611	-1492	15235	0	15235	2497	17732	50.00
15	5247	193	257	5697	347	3413	0	673	6816	6832	-1475	15487	0	15487	2505	17992	50.01
16	5553	105	257	5915	461	3792	0	547	6747	6507	-1412	15810	0	15810	2491	18301	50.00
17	5513	135	259	5907	565	3871	0	269	6472	6135	-1291	15456	0	15456	2445	17901	50.00
18	5517	143	269	5929	567	3883	0	75	6265	6321	-1278	15497	0	15497	2367	17864	50.01
19	5527	700	261	6488	639	3940	0	1	5968	5545	-975	15638	0	15638	2361	17999	50.04
20	5528	845	262	6635	769	3921	0	0	5639	5866	-894	16297	0	16297	2358	18655	50.02
21	5453	298	282	6033	996	3817	0	0	5618	5458	-1017	15287	0	15287	2228	17515	50.03
22	5438	179	262	5879	663	3389	0	0	5550	5713	-987	14657	0	14657	2190	16847	50.03
23	5392	166	273	5831	737	3220	0	0	5491	5522	-1009	14301	0	14301	2168	16469	50.02
24	5223	121	273	5617	714	3274	0	0	5544	5260	-1094	13771	0	13771	2109	15880	50.01
<b>MUs</b>	<b>125.66</b>	<b>4.93</b>	<b>6.44</b>	<b>137.04</b>	<b>11.66</b>	<b>86.96</b>	<b>0.00</b>	<b>6.50</b>	<b>148.02</b>	<b>145.70</b>	<b>-26.42</b>	<b>361.43</b>	<b>0.00</b>	<b>361.43</b>	<b>52.10</b>	<b>413.53</b>	<b>50.01</b>

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 30/Sep/2020**

Position as on 6.30 Hrs of 01/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>FORCED OUTAGE</b>								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
IPP	JSW (J) U3	300	09/09/2020	10.56	30/09/2020	11.13	CW Duct leakage	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Sep/2020**

**Statement-VII**

Position as on 6.30 Hrs of 01/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>400 KV LINE Outages/Trippings</b>							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Khandwa II	InterState	23/09/2020	17.54		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Bhusawal-Aurangabad	IntraState	29/09/2020	16.32	30/09/2020	08.15	HT	Over Voltage
Padghe - Nagothane - II	IntraState	29/09/2020	20.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/09/2020	23.42	30/09/2020	08.40	HT	Over Voltage
Padghe - Kalwa- I	IntraState	29/09/2020	23.44	30/09/2020	10.43	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	29/09/2020	23.49	30/09/2020	10.53	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	30/09/2020	08.29	30/09/2020	19.06	PO	Old design line protection CVT replacement with new design CVT
Babhaleshtar - Padghe-I	IntraState	30/09/2020	12.12	30/09/2020	17.30	EO	Damaged Clamp of 29C
Khadka-Aurangabad (Waluj)	IntraState	30/09/2020	17.44		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	30/09/2020	21.36		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	30/09/2020	23.27		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/09/2020	23.32		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-II	IntraState	01/10/2020	06.09		Continued.	T	Distance Protection
<b>400 KV ICT Outages/Trippings</b>							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	28/09/2020	11.35	30/09/2020	17.52	PO	Circuit Breaker overhauling and testing work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	30/09/2020	10.43	30/09/2020	13.52	PO	Replacement of Faulty solenoid Coil of CTR make fire fighting system
<b>220 KV LINE Outages/Trippings</b>							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Uran - Jnpt	IntraState	18/09/2020	13.07	30/09/2020	20.11	PO	Removal of existing E/W and string of OPGW wire
Chandrapur(MIDC)-Ballarshah I	IntraState	30/09/2020	09.15	30/09/2020	18.47	PO	Rectification of problems in line by project division
Wathar - Mudshingi 3 Line	IntraState	30/09/2020	09.21	30/09/2020	16.34	PO	Insulator Replacement Work
Phulambri-Bhokardan	IntraState	30/09/2020	11.34	30/09/2020	19.14	PO	Tightening of Jumper Nut Bolts
Pandarpur-Khanapur	IntraState	30/09/2020	12.05	30/09/2020	17.15	PO	Replacement of 220KV R Phase CT
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	30/09/2020	12.39	30/09/2020	21.19	PO	Line Maintenance work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 30/Sep/2020**

**Statement-VII**

Position as on 6.30 Hrs of 01/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ghugus- Lloyds	IntraState	30/09/2020	14.20	30/09/2020	15.24	PO	Commissioning of AMR panel
<b>220 KV ICT Outages/Trippings</b>							
220/33kV 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	30/09/2020	09.14	30/09/2020	17.30	PO	Isolation of 33KV cables from NGT